

REMARKS:

Applicant has carefully studied the nonfinal Examiner's Action and all references cited therein. The amendment appearing above and these explanatory remarks are believed to be fully responsive to the Action. Accordingly, this important patent application is now believed to be in condition for allowance.

Applicant responds to the outstanding Action by centered headings that correspond to the centered headings employed by the Office, to ensure full response on the merits to each finding of the Office.

Drawings

The drawings have been objected to as failing to comply with 37 CFR 1.84. A replacement set of drawings is presented with this Amendment in reply to the Office Action.

Specification

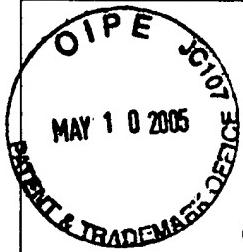
The specification has been objected due to informalities. Appropriate correction has been presented with this Amendment as required.

Claim Rejections – 35 U.S.C. § 102

Applicant acknowledges the quotation of 35 U.S.C § 102(b).

Claims 1, 2, 7, 8 and 25-26 stand rejected under 35 U.S.C § 102(b) as being anticipated by Carmichael et al. ("SEU Mitigation Techniques for Virtex FPGAs in Space Applications", 1999 MAPLD Conference).

Independent claims 1 and 25 have been amended to reflect that which the applicant regards as the invention. Accordingly, amended independent claims 1 and 25 are now believed to be in condition for allowance.



Claim 2 has been cancelled.

Claims 3-24 are dependent upon claim 1, and are therefore allowable as a matter of law.

Claim 26 is dependent upon claim 25, and is therefore allowable as a matter of law.

Claim 27 has been allowed.

If the Office is not fully persuaded as to the merits of Applicant's position, or if an Examiner's Amendment would place the pending claims in condition for allowance, a telephone call to the undersigned at (727) 507-8558 is requested.

Very respectfully,
SMITH & HOPEN

A handwritten signature in cursive script that appears to read "Molly L. Sauter".

By: _____

Dated: May 10, 2005

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CERTIFICATE OF MAILING
(37 C.F.R. 1.10)

I HEREBY CERTIFY that this Amendment A is being deposited with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee," mailing Label No. EV624409578US, addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on May 10, 2005.

Dated: May 10, 2005

A handwritten signature in cursive script that appears to read "Deborah Preza".